

Input Set: I519642.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

P.5

1 <110> APPLICANT: Wang, Tongtong
2 Bangur, Chaitanya S.
3 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
4 DIAGNOSIS OF LUNG CANCER
5 <130> FILE REFERENCE: 210121.478C4
6 <140> CURRENT APPLICATION NUMBER: US/09/519,642
7 <141> CURRENT FILING DATE: 2000-03-06
8 <160> NUMBER OF SEQ ID NOS: 789
9 <170> SOFTWARE: FastSEQ for Windows Version 3.0
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11 <211> LENGTH: 527
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13 <213> ORGANISM: Homo sapien
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17 acagacaaag ccctcagaaa agatacaaag gcagagacat tgattagaac attatctcat 180
18 aacagagggtg gggccattac ccaccattat tgtaaaataa ctgtaactaa ccaaaacaca 240
19 tacaggcttc tttaatggag ttaataaaaac tatggcacat tgggaatcag gggcagagggt 300
20 actgttccca gacggaaaac tgggataaag ggagccatgc tgacagggcc ttattccagt 360
21 ctaggttggt agaaaggagc cctagcccag aaatgacagc aaatagccat aatcattatg 420
22 tggggctgaa ccagaggaag ccaggctgag ccaagaagct ggaagtatct tgaacggctc 480
23 tccaaatcca aagattatcc atactcttta tccctccagc gatgtgt 527
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25 <211> LENGTH: 490
26 <212> TYPE: DNA
27 <213> ORGANISM: Homo sapien
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31 actcgcaatt ggttctgaaa ttagaacgtt caccatcgta cttaaaatct taggggcatg 180
32 aagagtcagc tagaacaagg aaaaagaaag tcgcaggtag taggtaagta ggtgggcaca 240
33 tgaaaagcca agctgctctg tccaacacca gtgtacatgt gctttaacta aatgaactcc 300
34 agaggccaac agcagcagac ctgctcaatt caccttccaa atcagaacaa gacaaaaaag 360
35 ctcaggcttg agttgtcaac tatgcatagg ttccgccagt gctgaggggt gtgaggctct 420
36 agttgtgaag aagctacaag aaatcatgat gcatgtgatc tgggccgcac tggcatttgc 480
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39 <211> LENGTH: 464
40 <212> TYPE: DNA
41 <213> ORGANISM: Homo sapien
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46      gattgttatt ttgataatgt aggtggagag ttttcaaaca ctgttatcgg ccagatgaag      240
47      aaatttgga ggattgccat atgtggagcc atctctacat ataacagaac cggcccactt      300
48      cccccaggcc cccccccaga gattgttatc tatcaggagc ttcgcatgga agcttttgtc      360
49      gtctaccgct ggcaaggaga tgcccgccaa aaagctctga aggacttgct gaaatgggtc      420
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61      ccattcccag gaaaagaaaa ataaagctaa gttacaaaac taaatctata tgcaataaag      360
62      ttattatata ctgctttggt taagcagagt cctctggaat ttatgtacag tacattagtt      420
63      ttcagctatt tatattccac aagttagacc ttaagattct ctggttttta gacaattggt      480
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72      agtggtagat ttagaagaag agaaccaaaa acttttgcta gaaaatcagc ttttacgaga      180
73      gaaaactcat ggcctttagt ttgagaacca ggagttaaga cagcgcttgg ggatggatgc      240
74      cctggttgct gaagaggagg cggaagccaa ggtaaatcat ctccctttatt tgggcctca      300
75      tgtgagtact ggttccaagt gacatgaccc agcgattatg tttacagtct ggacttctga      360
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77      cttcccctaa aggcacttga cactcatttt tt      452
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79      <211> LENGTH: 336
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85      atccacgacg gagggcatat tgcttcagtt ctcaatgcat ggccagaaga tgtcatcaag      180
86      gccattgtgg tgactgatgg agagcgtatt cttggcttgg gagaccttgg ctgtaatgga      240
87      atgggcatcc ctgtgggtaa attggctcta tatacagctt gcggagggat gaatcctcaa      300
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90      <211> LENGTH: 376
91      <212> TYPE: DNA
92      <213> ORGANISM: Homo sapien
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96	atatcttttg	ataatgttat	ttctattttt	tatttttttt	cattagaagt	taccaaatta	180
97	agatggtaag	acctctgaga	ccaaaatttt	gtcccatctc	tacccctca	caactgctta	240
98	cagaatggat	catgtccccc	ttatgttgag	gtgaccactt	aattgctttc	ctgcctcctt	300
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100	tcattaccct	tttctg					376
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107	agaacagggtg	agtctagaag	tccaactctg	aaaaggacca	ctgtacattt	gaacacacgg	120
108	ctgtgttaaa	gatgctgcta	atgtcagtc	ctgggtgcac	taaaggatct	cttattttat	180
109	gtaaaacggt	gggattgaca	agatagatct	gatactctgt	taagttaccc	tctgaagcta	240
110	cttcttgtga	aatactaata	acagcatcat	cctgccaagc	gaaagaggca	ggcataagca	300
111	aggacaaatt	aaaagggggt	aagagcctta	tcatgatgag	gagtcttggt	ttgacatctt	360
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120	ctctggcctt	ccgagaaggt	accatcaatg	tccacgacgt	ggagacacag	ttcaatcagt	180
121	ataaaacgga	agcagcctct	cgatataacc	tgacgatctc	agacgtcagc	gtgagtgatg	240
122	tgccatttcc	tttctctgcc	cagtctgggg	ctgggggtgcc	aggctggggc	atcgcgctgc	300
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130	ggggatgtgc	taaagcgtga	aatcagttgt	ccttaatttt	tagaaagatt	ttggtaacta	120
131	ggtgtctcag	ggctgggttg	gggtccaaag	tgtaaggacc	ccctgccctt	agtggagagc	180
132	tggagcttgg	agacattacc	ccttcacacg	aaggaatttt	cggatgtttt	cttgggaagc	240
133	tgttttggtc	cttgggaagc	gtgagagctg	ggaagcttct	tttggctcta	ggtgagttgt	300
134	catgcgggta	agttgaggtt	atcttgggat	aaagggctct	ctaggggcaca	aaactcactc	360
135	taggtttata	ttgtatgtag	cttatatttt	ttactaagggt	gtcaccttat	aagcatctat	420
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143	tctgtggtga	ggtatggatg	tctgcagtct	acacaacagc	cctgcagaac	gggcctggac	120
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147      tactggaagg caggagcagt ttctttcttt tcccactctg tgctgggtac ttgggagagg      360
148      cgaaataaat accagactgt ccaactcctca gcctaagggtc cttctcaagt cctgcacact      420
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157      gtccacaggt acctaccccc tggactgcag caactttatt accttaacta gcacaraaca      180
158      gaggttgatt taaactcctt acactcactt ctcaratcaa tgaatgggca aaaaaacmcc      240
159      tcatggctct gggaaggcat gctgaraccc gtttttgcaa gtcctgagga atggaaraat      300
160      atagctgcca ggtatcccaa gtctagggca gggagggkag tatcggcacg actttcactg      360
161      cattctgttg g      371
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163      <211> LENGTH: 493
164      <212> TYPE: DNA
165      <213> ORGANISM: Homo sapien
166      <220> FEATURE:
167      <221> NAME/KEY: misc_feature
168      <222> LOCATION: (1)...(493)
169      <223> OTHER INFORMATION: n = A,T,C or G
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173      aggtgccaaa tcccaggaca ggcatgaagt gaccatcatt cagcttcaca cactgatatt      180
W--> 174      tcgaatccat ttctgtcnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      240
175      caacctgctc ctcatatttg taaacatgtg cagaatcaat atggcggaac ccagcttcta      300
176      ttgctaattt tgtgacctcc aaagctttac ttctcggaac cttgggttctt ccgagcgctc      360
177      agcaatcccg ccgagcttct ttgagacgtc ctcagggtgtc ctttgacgat gcgtcctcca      420
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187      ttaaaattat gaccaccgct ccttcaaggg gatgtagcac ttttccattc ctgtaccatg      180
188      tgatattgcc atctggataa ctgtcttctg aaatgcagtc acccaacttt tttagctgct      240
189      ctgtttcgag aaacagtgtt ttgcttacaa tttcagggtt agatgggttg ttgaacacct      300
190      tgactattgt aggtgcctca aacacgttgt cctcagttac tagcatgcac acaaatctct      360
191      tttcatcact gatccttgca ttactgatag acaaagtgtg gttttctgag aggttcaatc      420
192      tgtctttgta ttctggtaca tcgtcgtagt gcacactttt cttttagtag gatctgaagg      480
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201      atctcttggt ccttgggact ggggccagcc tcttgctctg ccacttcctt ctcattagtc      180
202      agatagcccc aaaggctcta tctttagctc ccagagaact ttttggtcct cagtatttcc      240
203      cttccccctt ccttcctatt ccccaact gggggaggga agggagaaca ggggcacctg      300
204      atcatcaatc tcccctgccc ctctcttgaa gcccctaga tttggatgaa gaggaggcca      360
205      gtgagcaggg caaagcctgc taggagcaga atgacctga ggatccttg ctcagaactg      420
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210 <213> ORGANISM: Homo sapien
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214      gaagtgtgcc attcctttgt ctgaaggagc gacaggagca tctacggttg agaagacaga      180
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218 <212> TYPE: DNA
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223      agcagatgca gatgataata ttcttgatta ctcgatgga atggaagaaa tatttggttc      180
224      cctcaattcc ctgaaacaag acatcgagca tatgaaattt ccaatgggta ctcagaccaa      240
225      tccagcccga acttgtaaag acctgcaact cagccatcct gacttcccag atggtgaata      300
226      ttggattgat cctaaccaag gttgctcagg agattccttc aaagtttact gtaatttcac      360
227      atctggtggt gagacttgca tttatccaga caaaaaatct gagggagtaa gaatttcac      420
228      atgg                                                                                   424
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232 <213> ORGANISM: Homo sapien
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236      cacaagagac ttaaaggaca ggaggaggag atgg                                                                                   154
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244      caccaatagt gaggaatca ttgaaggaga atataatag gtgatgctgg caataggaag      180
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.